

R1
[0032] As an example, suppose that for some scanline y , $n_y=5$ and segment end points are $X_{y,1}, \dots, X_{y,5}$. FIG. 3B shows scanline segments $S_{y,1}, S_{y,2}, \dots, S_{y,5}$, each having an associated function $Z_{y,i}(x)$ (not shown). Thus, $S_{y,1}$ has the function $Z_{y,1}(x)$, while $S_{y,2}$ has the function $Z_{y,2}(x)$, and so forth. Alternatively, in addition to a linear function, $Z_{y,i}(x)$ may take on a non-linear function such as $Z_{y,i}(x) = a_{1,y,i} \cdot x^k + a_{2,y,i} \cdot x^{(k-1)} + \dots + a_{k,y,i} \cdot x + b_{y,i}$; where k and $a_1 \dots a_k$ may be any real value.

A marked up version of the paragraph is provided in the Appendix showing the changes.

REMARKS

The foregoing amendment has been made to place the application in better form by clarifying the equation. No new matter has been added. Favorable consideration is respectfully requested.

Respectfully submitted,

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